

# UNIVERSITY OF TORONTO

Division of University Extension



## *A Course in Pre-University Mathematics*

### Purpose

The course is designed to assist students who intend to do graduate work involving the use of statistics and calculus and who feel they need a stronger foundation in mathematics.

This course will also prove useful to elementary and secondary school teachers of mathematics in view of the new curriculum.

### Content

A modern approach to Pre-University Mathematics. After a brief introduction to the methods of modern mathematics the course will consider, in this light, the number system, algebraic equations and inequalities, vector and matrices, and the standard results of analytic geometry. Further, the basic concept of function is introduced (with particular investigation of exponential logarithmic and trigonometric functions) which leads naturally into a study of calculus.

NOTE: *Applicants are advised that standing in mathematics at the Grade 12 or equivalent level is required as a prerequisite for this course.*

### Duration

Twenty-four lectures. Commencing November 14, 1966 and ending February 15, 1967.

### Time

Monday and Wednesday evenings from 7.30 - 9.30 p.m.

### Location

Sidney Smith Hall  
Room 1072

### Fee

\$95.00

**Application Forms and further information may be obtained by writing or telephoning:**

The Division of University Extension  
84 Queen's Park  
Toronto 5, Ontario  
Telephone: 928-2411

